

ABSTRACT

The present invention relates to a sample arraying/assembling device, its method, and an apparatus using a sample assembly, and has an object of providing a sample arraying/assembling device which is adapted to various microplates of International
5 Standards, and is capable of efficiently and quickly arraying and assembling various samples; its method; and an apparatus using a sample assembly.

The present invention is constituted to comprise: a distributing section which is capable of holding respective solutions containing samples to be distributed, and which has a plurality of holding ends arranged in a predetermined matrix; and a wound body
10 which has a plane surface wound with a string-like or thread-like slender foundation member on which samples are to be distributed at distribution intervals of column or line of the matrix, which is arranged in parallel at the winding intervals of the line or column on the plane surface, so that the respective holding ends can come into contact therewith.

- 10 ... sample arraying/assembling device
- 11 ... sample distributing device
- 18 ... container
- 19 ... wound body
- 5 21 ... distributing section
- 38, 120 ... core
- 50 ... sample assembling device
- 82 ... sample assembly
- 122 ... pipette tip
- 10 127 ... controller